Department of Mathematics and Statistics: Master's Plan Of Study

Student: _____ Program: M.S. in Applied Statistics

ID #: _____ Advisor: _____

Coursework (minimum 30 credit hours)

Semester & Year

Choose all or list replacement courses in elective hours.

- [ ] STA 631 Introduction to Probability (3) _____
- [ ] STA 632 Introduction to Mathematical Statistics (3) _____
- [ ] STA 640 SAS System for Statistical Analysis (1) _____
- [ ] STA 602 Statistical Methods for Data Analytics (3) _____
- [ ] STA 606 Solving Problems with Data Analytics (3) _____
- [ ] STA 668 Consulting Experience (2) _____

Choose at least two.

- [ ] STA 622 Complex Data Analysis (3) _____
- [ ] STA 635 Theory of Linear Regression (3) _____
- [ ] STA 642 Statistical Computing (3) _____
- [ ] STA 645 Nonparametric Statistics (3) _____
- [ ] STA 655 Applied Probability Models (3) _____
- [ ] STA 665 Analysis of Survival Data (3) _____
- [ ] STA 670 Categorical Data Analysis (3) _____
- [ ] STA 671 Multivariate Analysis (3) _____
- [ ] STA 673 Statistical Linear Models I (3) _____
- [ ] STA 674 Statistical Linear Models II (3) _____
- [ ] STA 675 Advanced Experimental Design (3) _____
- [ ] STA 676 Sample Survey Methods (3) _____
- [ ] STA 682 Theory of Time Series (3) _____
- [ ] STA 703 Topics in High Dimensional Data Analysis (3) _____
- [ ] STA 709 Topics in Computational Statistics (3) _____

Choose remaining elective credits that may count toward the minimum 30 credit hours required.

- [ ] STA 698 Project in Statistics (3) _____
- [ ] any STA course at the 600-level or above

_____ _____

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☐ Up to 6 credits of graduate level courses from any of the following department (with DGS approval)

   ☐ Mathematics   _____

   ☐ Computer Science   _____

   ☐ Economics   _____

   ☐ Educational Research Methodology   _____

   ☐ Informatics and Analytics   _____

   ☐ Information Systems and Supply Chain Management   _____

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Choose additional electives that do not count toward the required 30 hours.

   ☐ MAT 601 Seminar in the Teaching of Mathematics I (1)   _____

   ☐ MAT 603 Practicum in the Teaching of Mathematics (2)   _____

Capstone Experience

Month & Year

Choose one.

☐ Project _____   _____
   Include 3 credit hours of STA 698 Project in Statistics in required hours.

Project supervisor: _____

Signatures

Sign and print below.

Student: _____   Date: _____

   _____

DGS: _____   Date: _____

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